

**ABSTRACT**

[0051] Briefly, exemplary embodiments of the invention may provide devices and methods to provide precise and/or low phase-noise quadrature oscillation signals. A quadrature oscillator in accordance with an exemplary embodiment of the invention may include, for example, a phase-shift generator to provide a phase-shift of substantially  $\pi/2$  radians to an oscillation signal between a first oscillation tank, which provides substantially no phase-shift, and a second oscillation tank.